

B&V WASTE SCIENCE AND TECHNOLOGY CORP.

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USEPA
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BVWST Project 70500
BVWST File C.3
October 22, 1991

Mr. Alan Altur
Site Assessment Manager
Illinois Site Inspections
U.S. Environmental Protection Agency
230 South Dearborn Street (5HSM-TUB7)
Chicago, Illinois 60604

Subject: Downers Grove Wells 6 and 8

Dear Mr. Altur:

The purpose of this memo is to recommend No Further Remedial Action Planned (NFRAP) for Downers Grove wells 6 and 8.

Wells 6 and 8 are part of the Downers Grove, Illinois municipal water supply system. Both have shown detectable concentrations of organic compounds, including trichloroethylene (TCE), tetrachloroethylene (PCE), and 1,1,1-trichloroethane (1,1,1-TCA). Well 6 has exceeded drinking water standards for TCE. Analytical data from the IEPA acquired during this SSI are presented in Table 1 of this report.

The Village Water Superintendent, Randy L. Siemaszek, provided information on the wells during the BVWST reconnaissance visit. Both wells were connected to a network. Dilution by other wells of the network produced lower concentrations of the contaminants away from the wellhead. Well 8 was plugged and abandoned in December of 1990 mainly due to low production. The village is slated to receive Lake Michigan water in 1992. At that point, well 6 will also be abandoned. Only a few of the village's wells will be used as standby water sources.

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Because of past and near-future abandonment of the wells, together with low TCE concentrations in recent years and dilution of contaminants in the water system, NFRAP is proposed.

If you have any questions, please call me at 312/346-3775.

Very truly yours,

B&V WASTE SCIENCE AND TECHNOLOGY CORP.

William Ives

William Ives
Project Manager

Enclosures

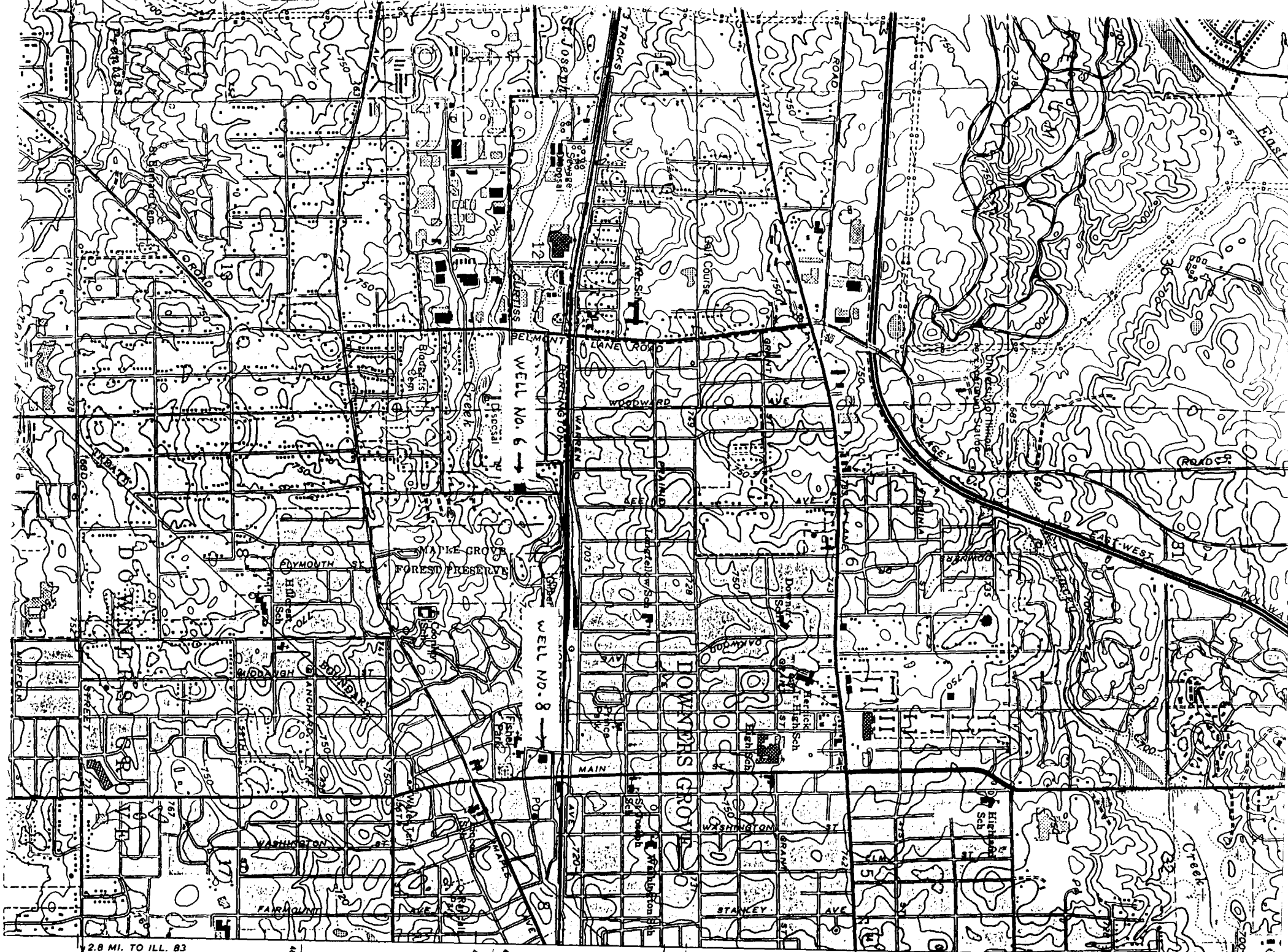
cc: Mr. Raymond D. Johnson, USEPA w/attachment
Mr. Carl D. Norman, USEPA w/attachment
Mr. Tom Crause, IEPA, w/attachment
Mr. William D. Messenger, USEPA, w/o attachment
Mr. William C. Bruce, BVWST, w/o attachment
Mr. Lawrence G. Magill, BVWST, w/o attachment

Mr. Alan Altur

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List of Attachments

1. Topographic map with site locations.
2. Table of water quality data from IEPA.
3. Preliminary HRS from the 1987 IEPA Preliminary Assessment.



2.8 MI. TO ILL. 83

4626

473

4627

4628

2.7 MI. TO ILL. 83
CHICAGO (LOOP) 21 MI.

(HINSDALE)
3467 IV SW

T. 38

T. 39

4630

4631

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October 22, 1991**Table 1****Concentrations of Organic Compounds in Wells 6 and 8**All units in ppb.
ND - not detected

	Date	TCE	PCE	1,1,1-TCA
Drinking Water Standard	-	5	none	200
WELL 6	4/9/85	6	6	2
	7/10/85	11.7	3.6	4.5
	7/23/86	7	4	1
	12/11/86	5	4	2
	5/12/87	5	2	ND
	7/8/87	7	3	1
	4/19/88	2	1	ND
	8/15/88	4	2	ND
	10/3/88	4	2	ND
	7/8/91	3.7	-	-
WELL 8	7/10/85	ND	ND	ND
	9/15/86	ND	6	ND
	12/15/86	5	3	1
	7/10/87	ND	ND	ND
	8/15/88	ND	ND	ND
	1/10/89	ND	ND	ND